What is Claimed is:

1. A method of treating of a living subject with non-insulin dependent diabetes mellitus, comprising a step of administrating to said living object a composition comprising a berberine as a first active ingredient and a catalpol as a second active ingredient.

2. The method, as recited in claim 1, wherein said composition further comprises an oleanolic acid as a third active ingredient.

3. The method, as recited in claim 1, wherein said berberine is obtained from one or more natural herbs selected from the group consisting of Berberis, Chelidonium, Stephniz, Coptis, Phellodendron, and Ziziphus.

4. The method, as recited in claim 3, wherein said catalpol is obtained from one or more natural herbs selected from the group consisting of Rehmannia, Verbascum, Panulownia, Glubularia, and Adonis.

5. The method as recited in claim 2, wherein said oleanolic acid is obtained from one or more natural herbs selected from the group consisting of Olea, Swertia, Astrantia, Lonicera, and Beta.

6. The method, as recited in claim 5, wherein said berberine is obtained from one or more natural herbs selected from the group consisting of Berberis, Chelidonium, Stephniz, Coptis, Phellodendron, and Ziziphus, and said catalpol is obtained from one or more natural herbs selected from the group consisting of Rehmannia, Verbascum, Panulownia, Glubularia and Adonis.

7. The method, as recited in claim 1, wherein said berberine is extracted by the steps of:

(a) providing a sample having said berberine;

(b) soaking said sample with ethanol to form a mixture and preparing a concentrated mixture solution from said mixture;

(c) filtering said concentrated mixture solution after an equilibrium of said concentrated mixture solution is established;

(d) obtaining a filtrate solution from step (c);

(e) extracting participates from said filtrate solution by rinsing said filtrate solution with an acid; and

(f) obtaining said berberine from said participates.

8. The method, as recited in claim 3, wherein said berberine is extracted by the steps of:

(a) providing a sample having said berberine;

(b) soaking said sample with ethanol to form a mixture and preparing a concentrated mixture solution from said mixture;

(c) filtering said concentrated mixture solution after an equilibrium of said concentrated mixture solution is established;

(d) obtaining a filtrate solution from step (c);

(e) extracting participates from said filtrate solution by rinsing said filtrate solution with an acid; and

(f) obtaining said berberine from said participates.

9. The method, as recited in claim 1, wherein said composition is prepared into a predetermined form for administration that contains 1 to 300 mg/kg/dl of said berberine.

10. The method, as recited in claim 3, wherein said composition is prepared into a predetermined form for administration that contains 1 to 300 mg/kg/dl of said berberine.

11. The method, as recited in claim 3, wherein said composition is prepared into a predetermined form for administration that contains 5 to 150 mg/kg/dl of said berberine.

12. The method, as recited in claim 11, wherein said composition is prepared as a draught in water.

13. The method, as recited in claim 11, wherein said composition is prepared as a syrup.

14. The method, as recited in claim 11, wherein said composition is prepared as a cachets.

15. The method, as recited in claim 11, wherein said composition is prepared as a tablet.

16. The method, as recited in claim 11, wherein said composition is prepared as a solution.

17. The method, as recited in claim 1, wherein said composition is prepared into a predetermined form for administration that contains 1 to 300 mg/kg/dl of said active ingredients.

18. The method, as recited in claim 2, wherein said composition is prepared into a predetermined form for administration that contains 1 to 300 mg/kg/dl of said ingredients.

19. The method, as recited in claim 4, wherein said composition is prepared into a predetermined form for administration that contains 1 to 300 mg/kg/dl of said ingredients.

20. The method, as recited in claim 6, wherein said composition is prepared into a predetermined form for administration that contains 1 to 300 mg/kg/dl of said ingredients.

21. The method, as recited in claim 20, wherein said composition is prepared as a draught in water.

22. The method, as recited in claim 20, wherein said composition is prepared as a syrup.

23. The method, as recited in claim 20, wherein said composition is prepared as a cachets.

24. The method, as recited in claim 20, wherein said composition is prepared as a tablet.

25. The method, as recited in claim 20, wherein said composition is prepared as a solution.

26. A composition of treating non-insulin dependent diabetes and related complications, comprising a berberine which is a first active ingredient thereof and a catapol which is a second active ingredient thereof.

27. The composition, as recited in claim 26, further comprising an oleanolic acid which is a third active ingredient thereof.

28. The composition, as recited in claim 26, wherein said berberine is obtained from one or more natural herbs selected from the group consisting of Berberis, Chelidonium, Stephniz, Coptis, Phellodendron, and Ziziphus, and said catalpol is obtained from one or more natural herbs selected from the group consisting of Rehmannia, Verbascum, Panulownia, Glubularia, and Adonis.

29. The composition, as recited in claim 27, wherein said berberine is obtained from one or more natural herbs selected from the group consisting of Berberis, Chelidonium, Stephniz, Coptis, Phellodendron, and Ziziphus, and said catalpol is obtained from one or more natural herbs selected from the group consisting of Rehmannia, Verbascum, Panulownia, Glubularia and Adonis.

30. The composition, as recited in claim 26, wherein said composition is prepared into a predetermined form for administration that contains 1 to 300 mg/kg/dl of said ingredients.

31. The composition, as recited in claim 27, further comprising a predetermined supplementary composition selected from the group consisting of Tanshinone (I), Tanshinone IIa, Salviol, Dioscin, Diosgenin, phosphoenolpyruvate carboxylase, ophiopogonin A, ophiopogonin B, ophiopogonin C, ophiopogonin D, chrysophanol, emodin, taurine, alyinic, laminarin, anemarans B, and panaxans.

32. The composition, as recited in claim 28, further comprising a predetermined supplementary composition selected from the group consisting of Tanshinone (I), Tanshinone IIa, Salviol, Dioscin, Diosgenin, phosphoenolpyruvate carboxylase, ophiopogonin A, ophiopogonin B, ophiopogonin C, ophiopogonin D, chrysophanol, emodin, taurine, alyinic, laminarin, anemarans B, and panaxans.

33. The composition, as recited in claim 29, further comprising a predetermined supplementary composition selected from the group consisting of Tanshinone (I), Tanshinone IIa, Salviol, Dioscin, Diosgenin, phosphoenolpyruvate carboxylase, ophiopogonin A, ophiopogonin B, ophiopogonin C, ophiopogonin D, chrysophanol, emodin, taurine, alyinic, laminarin, anemarans B, and panaxans.

34. The composition, as recited in claim 30, further comprising a predetermined supplementary composition selected from the group consisting of tanshinone I, tanshinone IIa, Salviol, Dioscin, Diosgenin, phosphoenolpyruvate carboxylase, ophiopogonin A, ophiopogonin B, ophiopogonin C, ophiopogonin D, chrysophanol, emodin, taurine, alyinic, laminarin, anemarans B, and panaxans.

35. The method, as recited in claim 34, wherein said composition is prepared as a cachets.

36. The method, as recited in claim 34, wherein said composition is prepared as a tablet.

37. The method, as recited in claim 34, wherein said composition is prepared as a solution.

38. A method of producing a composition of treating non-insulin dependent diabetes and related complications, comprising the steps :

(a) providing one or more berberine contained natural herbs;

(b) soaking said natural herbs with ethanol to form a mixture and preparing a concentrated mixture solution from said mixture;

(c) filtering said concentrated mixture solution after an equilibrium of said concentrated mixture solution is established;

(d) obtaining a filtrate solution from step (c);

(e) extracting participates from said filtrate solution by rinsing said filtrate solution with an acid; and

(f) obtaining said berberine from said participates.

39. The method, as recited in claim 38, wherein said berberine contained natural herbs are selected from the group consisting of Berberis, Chelidonium, Stephniz, Coptis, Phellodendron, and Ziziphus.

40. The method, as recited in claim 39, wherein said composition is prepared into a predetermined form for administration that contains 1 to 300 mg/kg/dl of said berberine.

41. The method, as recited in claim 39, wherein said composition is prepared into a predetermined form for administration that contains 5 to 150 mg/kg/dl of said berberine.

42. A method of treating of a living object with a disease selected from the group consisting of insulin independent diabetes, cholesterol elevation, and hyperglycemia, wherein said method comprises a step of:

administrating to said living object a pharmaceutical composition containing an active compound selected from the group consisting of a barberine, salts of barberine and

a catapol in a therapeutically effective dose in a pharmaceutically acceptable carrier to said living object.

43. The method, as recited in claim 42, wherein said dose of barberine is in a range of 1-300mg.kg/day.

44. The method, as recited in claim 42, wherein said dose barberine is in a range of 5-100 mg/kg/day.

45. The method, as recited in claim 42, wherein said pharmaceutical composition further contains a predetermined amount of oleanolic acid.

46. The method, as recited in claim 42, further comprising a step of monitoring a plasma sugar level of said living object.

47. The method, as recited in claim 45, further comprising a step of monitoring a plasma sugar level of said living object.

48. The method, as recited in claim 42, wherein a ratio of said berberine to said catapol is in a range of 1/19-19/1 by weight.

49. The method, as recited in claim 46, wherein a ratio of said berberine to said catapol is in a range of 1/19-19/1 by weight.

50. The method, as recited in claim 42, wherein said carrier is one of the types selected from the group consisting of liquid, solid and gas.